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सं० 30] नई दिल्ली, शनिवार, जुलाई 29, 1978 (आषाढ़ 7, 1900)
No. 30] NEW DELHI, SATURDAY, JULY 29, 1978 (ASAHA 7, 1900)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 29th July, 1978]

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

22nd June, 1978.

685/Cal/78. Finommechanikai Vallalat. Switching arrangement for stabilization of a high direct current voltage produced from a low direct current voltage and galvanically disconnected from this.

686/Cal/78. Inoue-Japax Research Incorporated. Electrode assembly for travelling-wire electroerosion machine.

687/Cal/78. Inoue-Japax Research Incorporated and Japax Incorporated. Electroerosion method and system for taper cutting with travelling wire electrode.

688/Cal/78. Inoue-Japax Research Incorporated. Power supply circuit for electrical machining.

689/Cal/78. Meiji Seika Kaisha, Ltd. New starch hydrolyzate.

690/Cal/78. Prerovske Strojirny. Narodni Podnik. Method for a heat treatment of powder materials or finely grained ones, E.G. cement material, and device therefore.

23rd June, 1978.

691/Cal/78 Energy Recycling Corporation Pty. Ltd. Coal cleaning process and apparatus. (June 27, 1977).

692/Cal/78. Societe De Prayon. Process and apparatus for manufacturing phosphoric acid.

1-177GI/78

693/Cal/78. Rexnord Inc. Method and apparatus for coating the inside of pipe.

694/Cal/78. Continental Carbon Company. Method and apparatus for the manufacture of carbon black.

695/Cal/78. Shyam Sundar Ghose. Process for preparing refractory suitable for the manufacture of sliding and fixed plates for use in sliding valve system.

696/Cal/78. Shyam Sundar Ghose. Process for preparing refractory suitable for the manufacture of sliding and fixed plates for use in sliding valve system.

697/Cal/78. Bireswar Bysakh. Improvement in or relating to electric furnace.

24th June, 1978.

698/Cal/78. Ut-ES Vasutervezo Vallalat. Process for constructing a single-shell crackfree wall, impermeable to water, preferably for tunnels.

699/Cal/78. W. Mauritz. Forehearth with weir.

700/Cal/78. L. Brassel. Gate.

701/Cal/78. Australasian Training Aids (Pty) Limited. Improvements in or relating to a firing range.

702/Cal/78. Your Companion. Spring-action, clip-held closet hanger for all and every type of male and female apparel.

26th June, 1978.

703/Cal/78. Hoechst Aktiengesellschaft. Process for the manufacture of chlorosulfonic acid.

704/Cal/78. Giuseppe Giammarco and Paolo Giammarco. Improved process for the production of hydrogen.

705/Cal/78. Sri S. Barthakur. Constricted flow channel rice polisher with pneumatic blowers.

706/Cal/78. Sri S. Barthakur. Sheller for dehusing paddy by variable speed abrasive and elastomer rollers with posed grain feeder.

27th June, 1978.

707/Cal/78. Bunker Ramo Corporation. Panel mount for electrical connector.

708/Cal/78. Patenhold Patentverwertungs- & Elektro-Holding AG. Method for monitoring a pulse-code modulated data transmission.

709/Cal/78 CCL Systems Limited. Coupling assembly.

710/Cal/78. Vorhauser Laboratories, Inc. Method for forming a three-dimensional sponge-like structure.

711/Cal/78. Hitachi, Ltd. Electronic device and method of fabricating the same.

712/Cal/78. Proizvodstvennoe Obiedinenie Turbostroenia "Leningradsky" Metallichesky Zavod" Hydraulic turbine control device.

28th June, 1978.

713/Cal/78. Mobil Oil Corporation. Improved isomerization process.

714/Cal/78. Henkel Kommanditgesellschaft AUF Aktien. The use of fine-particulate water-insoluble alkaline aluminium silicates in the production of leather

715/Cal/78 Cassella Farbwerke Mainkur Aktiengesellschaft. A process for the manufacture of water soluble triazodiestuff. [Divisional dated November 17, 1976].

716/Cal/78. General Electric Company. Annular metal cutting die of titanium carbide coated tool steel, and method of shaving metal rods.

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

15th May, 1978.

364/Del/78 Pfizer Corporation. 1-piperidinophthalazines as cardiac stimulants. (June 3, 1977).

365/DI/78. UOP Inc. Production of titanium metal valves.

366/Del/78. The Standard Oil Company. Production of maleic anhydride from four-carbon hydrocarbons using catalysts prepared by hydrothermal techniques.

16th May, 1978.

367/Del/78. The Director, Bureau of Police Research & Development and The Director, Institute of Criminology & Forensic Science. Reflector plates.

368/Del/78. The Director, Bureau of Police Research & Development, and The Director, Institute of Criminology & Forensic Science. Reflector plates.

369/Del/78. Marathon Oil Company. Oil Recovery by increasing the injectivity index of micellar systems containing crude oil sulfonates.

370/Del/78. C. Conradt Nurnberg GmbH & Co. KG. A laminar carbon member and a method of manufacturing it.

371/Del/78. Thomas Broadbent & Sons Limited. Improvements in solid down decanter centrifuges. (May 24, 1977).

372/Del/78. Uranium Pechiney Ugine Kuhlmann. Process for the conditioning, for storage purposes, of fission products obtained by dry retreatment of irradiated fuels.

17th May, 1978.

373/Del/78. DBX, Incorporated. Motion picture sound system.

374/Del/78. Dorr-Oliver Incorporated. Aspirating feed funnel for fluidized reactor.

375/Del/78. Dorr-Oliver Incorporated. Transfer pipe system.

376/Del/78. The Gillete Company. Processes for treating cutting edges.

19th May, 1978.

377/Del/78. Dorr-Oliver Incorporated. Continuous drum filter with improved agitator structure.

378/Del/78. Societe DE Paris ET DU Rhone. Auxiliary rectifier bridge for a three phase alternator.

379/Del/78. Societe DE Paris ET DU Rhone. Protective cover for alternator.

380/Del/78. Societe DE Paris ET DU Rhone. Collector assembly for an alternator rotor.

381/Del/78. The Prestige Group Limited. Pressure cooker relief valve assembly and pressure cookers incorporating such assemblies. (May 27, 1977).

382/Del/78. Bayer Aktiengesellschaft. Process for the preparation of N-alkyl-substituted carboxylic acid amides.

383/Del/78. Bharat Heavy Electricals Limited. A device for generating power.

ALTERATION OF DATE

144942.

119/Mas/76. } Post-dated to 25th September, 1976.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India, Book Depot, 8 Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (Postage extra is sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 10D & 72C.

133376.

Int. Cl.-F42b 17/00, 33/00.

SAFETY DEVICE FOR A GYROTOROY ROCKET MISSILE.

Applicant: MEFINA S. A., OF 5, ROUTE DE BEAUMONT, FRIBOURG, SWITZERLAND.

Inventor: RENE MOREL.

Application No. 133376 filed October 27, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1974) Patent Office, Calcutta.

9 Claims.

A safety device for a gyrotory rocket missile, said device comprising: a primer support member movable under the action of centrifugal force upon gyration of the missile between a safe position and an armed position; means for releasably securing the support in the safe position, said securing means being movable under the action of centrifugal force upon gyration of the missile from a support-securing position to a position in which the support is freed; characterized in that it comprises means for releasably locking the securing means in the support-securing position, said locking means in the support-securing position, said locking means comprising a retaining member slidably mounted parallel to the axis of the missile between a first position in which it locks the securing means in the support-securing position and a second position in which the securing means is freed, and a spring opposing movement of the locking means from the first position to the second position upon axial acceleration of the missile.

CLASS 37A & 182-D.

144912.

Int. Cl. B04b 1/00; C13f 1/10.

PROCESS AND APPARATUS FOR CONTINUOUSLY PRODUCING A HIGH CONCENTRATION SUGAR SOLUTION.

Applicant: BRAUNSCHWEIGISCHE MASCHINENBAUANSTALT, OF 3300 BRAUNSCHWEIG, A M ALTEN BAHNHOF 5, FEDERAL REPUBLIC OF GERMANY.

Inventors: WALTER DIETZEL, (2) SEIGFRIED MATUSCH, (3) HELMUT SCHAPER, AND DR. ERWIN ZEICHNER.

Application No. 2363/Cal/75 filed December 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A process for continuously centrifuging massecuite to produce sugar crystals and again dissolving said sugar crystals to produce a sugar solution, comprising continuously introducing massecuite into a centrifuge having a centrifuging basket with an upper rim, to produce sugar crystals, pressurizing a liquid solvent, continuously contacting said sugar crystals with said pressurized liquid solvent by directing jets of said pressurized liquid solvent onto the sugar crystals where these sugar crystals pass over said upper rim of the centrifuging basket to thereby generate a turbulent flow of a liquid solvent mist and to envelope the sugar crystals with liquid solvent, forcing the enveloped sugar crystals through said liquid turbulent flow of liquid solvent mist against baffle guide means, guiding said enveloped sugar crystals along said guide means into a back-up zone of sugar solution, and driving the sugar solution together with air and liquid mist through a gap and over a damming wall out of the centrifuge.

CLASS 187E.

144913.

Int. Cl. H04j 3/00.

BUFFER NETWORK FOR TIME DIVISION TELECOMMUNICATION SYSTEMS.

Applicant: SOCIETA' ITALIANA TELECOMUNICAZIONI SIEMENS S.P.A. PIAZZALE ZAVATTARI 12, 20149 MILANO, ITALY.

Inventors: AMILCARE BOVA, (2) GIAMPAOLO GUBERTINI, (3) LUIGI MUSUMEGI, & GIUSEPPE VALBONESI.

Application No 431/Cal/76 filed March 10, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims

A buffer network for time-division telecommunication systems of the type in which a multiplicity of bidirectional PCM system lead to a single switching node comprising the said buffer network and a central control unit, characterized in that it comprises in combination

—a plurality of line units UL equal in number to the said PCM systems each of the said line units (UL) forming an interface between the said buffer network and one of the said PCM systems;

—a switching network (RC) connected to the said line unit UL, controlled by the said central control (CC), and arranged to perform spacetime switching of each PCM channel, the said switching network (RC) comprising two synchronous networks (RC₁, RC₂) which are equal to one another and have full access to the said PCM systems via the corresponding line units (UL);

—a group identifying circuit IDG connected to the outputs of the said switching networks (RC₁, RC₂) and designed to determine possible differences in the signal processed by the said switching networks and to signal them to the said central control (CC); the said identifying circuit also controlling upon receiving a control signal from the central control (CC), the said line units (UL) thereby applying the signals processed by one of the said networks (RC₁, RC₂) to the line;

—transit control units (UCT₁, UCT₂) equal to one another and forming the interface between the said central control (CC) and the said buffer network (RT), the said control units also pre-processing the alarm codes from the elements of the said buffer network before applying them to the said central control (CC).

CLASS 32A¹ & A².

144914.

Int. Cl. C09b 57/00.

PULVERULENT DYESTUFF FORMULATIONS AND A PROCESS FOR PREPARING THE SAME.

Applicant: CASSELLA FARBWERKE MAINKUR AKTIENGESellschaft, OF 6-FRANKFURT (MAIN) FECHENHEIM, 526 HANAUER LANDSTR, WEST GERMANY.

Inventors: HELMUT HETT, & KURT WALSER.

Application No. 875/Cal/76 filed May 20, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims.

A pulverulent dyestuff formulation for dyeing textile materials such as hereinbefore described which contains the following dust-removing agents:

(a) a non-ionic polyether emulsifier such as herein described and

(b) a mineral oil boiling within the range of 140 to 310°C; the sum of *a* and *b* being 0.05 to 3% by weight of the dyestuff formulation, and the weight ratio *a* : *b* being 35:65 to 5:95.

CLASS 80-K.

144915.

Int. Cl. B01d 43/00.

METHODS AND ROTARY CONTINUOUS VACUUM FILTER FOR DEWAXING OIL.

Applicant: TEXACO DEVELOPMENT CORPORATION, OF 135 EAST 42ND STREET, NEW YORK, NEW YORK-10017, UNITED STATES OF AMERICA.

Inventors: ROBERT BODEMULLER, HAROLD RAYMOND TAYLOR 111 AND WILLIAM COPLAND MOYER.

Application No 942/Cal/76 filed May 31, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A vacuum filtering method for filtering a waxy-oil solvent slurry containing waxy particles which comprises rotating a continuous vacuum filter partially submerged in a vat of a waxy oil-solvent slurry containing waxy particles, wherein the submerged portion of the filter is divided into two sectors, a first sector followed by a second sector by means of an adjustable boundary block, applying vacuum initially to the first sector to form a cake of the solid particles on the external surface of the filter, the boundary location being such that the cake built up during the rotation of the filter through the first sector is such that it ensures that the filtrate from the second sector has been filtered through the cake built upon the filter and that the filtrate from the second sector is clear,

the filtrate from the said two sectors being collected separately and wherein the filtrate from the first sector is passed to a sampler for determining the existence of wax therein, which filtrate is passed to be combined with the wax-free filtrate from the second sector when no wax is detected in the filtrate by the sampler, and is passed for recycling to the vat of slurry when wax is detected in the filtrate in the sampler.

CLASS 32F1 & 55D2.

144916.

Int. Cl. A01B 9/02; C07c 103/12.

PROCESS FOR PREPARING HERBICIDAL COMPOSITIONS COMPRISING DIBROMO SUBSTITUTED PROPIONAMIDES AS HERBICIDAL ANTIDOTES FOR SMALL GRAIN CROPS.

Applicant: STAUFFER CHEMICAL COMPANY, OF WESTPORT, CONNECTICUT-06880, UNITED STATES OF AMERICA

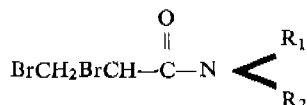
Inventors: EDMUND JEREMIAH GANUGHAN, (2) EUGENE GORDON TEACH.

Application No. 1210/Cal/76 filed July 8, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims.

A process for preparing herbicidal composition which comprises admixing a thiocarbamate herbicide and an antidotally effective amount (such as herein defined) of an antidote therefor corresponding to the formula



where in R_1 is hydrogen, alkenyl or lower alkyl and R_2 is alkyl alkenyl, alkynyl, dimethoxyethyl or 1-ethynylcyclohexyl.

CLASS 119-D.

144917.

Int. Cl. D03d 47/08.

A SHUTTLELESS WEAVING LOOM OF THE SINGLE OR DOUBLE LAYER TYPE.

Applicant: SOCIETE ALSACIENNE DE CONSTRUCTIONS MECANIQUES DE MULHOUSE, OF 1, RUE DE LA FONDERIE, 68054 MULHOUSE.

Inventors: YVES JULIARD, AND VICTOR RINER.

Application No. 1394/Cal/76 filed August 4, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A shuttleless weaving loom with weft-inserting needles of the type in which the outer extremity of the needles is connected by means of a coupling system to a driving member to which a reciprocating movement is imparted in the axial direction of the needles, the said loom being characterized in that it is provided over the entire length of travel of the outer extremity of the needles and behind the said needles with a longitudinal sliding surface, that the coupling system aforesaid comprises a sliding shoe which slides over that face of the said sliding surface which is directed towards the needles, that elastic control means continuously apply the said shoe against the said sliding surface.

CLASS 32F.b.

144918.

Int. Cl. C07c 69/24; 51/00.

A PROCESS FOR PREPARATION OF NOVEL α -(3-PENTADECYL-ARYLOXY) PROPIONIC ACIDS AND THEIR FUNCTIONAL DERIVATIVES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

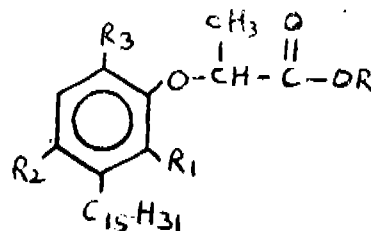
Inventors: THALLAPALLI RAMALINGAM, PRALHAD BALVANT RAO SATTUR & GURBACHAN SINGH SIDHU.

Application No. 1660/Cal/76 filed September 9, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi.

6 Claims.

A process for the preparation of novel α -(3-pentadecyl-aryloxy) propionic acid or their esters of general formula of Fig. 1.



wherein R represents hydrogen or lower alkyl group with 1-5, carbon atoms either in straight or branched chain and R_1 , R_2 and R_3 denote hydrogen or halogens such as chlorine, comprises reacting a phenol having a long alkyl straight chain of C_{15} carbon atoms at meta position to the phenolic group with or without substituted R_1 , R_2 and R_3 with α -halogeno propionic acid or its methyl or ethyl esters as desired.

CLASS 139A & 198D.

144919.

Int. Cl. B01d 12/00; C01b 31/02.

AN APPARATUS FOR CONTINUOUSLY SEPARATING BY GRAVITY OF PARTICULATE CARBON-LIQUID ORGANIC EXTRACTANT DISPERSION.

Applicant: TEXACO DEVELOPMENT CORPORATION, OF 135 EAST 42ND STREET, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors: CLYDE EPHRAIM POTTER AND GEORGE NEAL RICHTER.

Application No. 1746/Cal/76 filed September 22, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

An apparatus for continuously separating by gravity a particulate carbon-liquid organic extractant dispersion and clarified water from a mixture of carbon water and liquid organic extractant comprising a closed vessel having an exit port in the upper portion of said vessel through which said liquid dispersion of particulate carbon and extractant may be discharged, an exit port in the lower portion of said vessel through which clarified water may be discharged, outer conduit means for introducing a feed stream into said vessel, a horizontal radial nozzle at the discharge end of said outer conduit means located within said vessel along the vertical axis about $\frac{1}{2}$ to $\frac{3}{4}$ of the height of said vessel, an inner conduit concentric with said outer conduit means and spaced therefrom to provide an annular passage for the flow of a second liquid feed stream, and a horizontally disposed second radial nozzle terminating said inner conduit at a position above that of said first radial nozzle.

CLASS 21A & 52A & 165C.

144920.

Int. Cl. D05b 37/00; D13d 7/00; 119/00.

A DISCHARGE AND CUTTING APPARATUS FOR FOOTWEAR SEWING MACHINES.

Applicant: BATA INDIA LIMITED, OF 30, SHAKESPEARE SARANI, CALCUTTA-700017, WEST BENGAL, INDIA.

Inventors: LADISLAV HUIJK, AND MIROSLAV BARA N.

Application No. 1872/Cal/76 filed October 13, 1976.

Convention dated October 14, 1975 (237494/75) Canada.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A discharge and cutting apparatus for attachment to a sewing machine having a base plate for sewing a tape onto footwear components comprising frame means; a work surface in the frame means for receiving the footwear component interconnected by a continuous strip of tape, said work surface

being contiguous with the base plate of the sewing machine; first feed means in said frame means for gripping components and tape; and drawing the components and tape from the sewing machine under constant tension higher than that to which the tape and components are subjected in the sewing machine; cutting means in said frame means including means for detecting the leading and trailing edges of said components and means for cutting said tape at such edges in response to such detection; second feed means in said frame means for receiving said components and tape following the cutting means in the path of travel of the components and tape, and discharging said components and tape from the apparatus; and drive means in said frame means adapted for connection to the drive of a sewing machine for operating said first and second feed means in synchronism with each other with the sewing machine.

CLASS 40-B & 56B.

144921.

Int. Cl. C10g 11/00.

FLUIDIZED CATALYTIC CRACKING PROCESS WITH IMPROVED INTERMEDIATE CYCLE GAS OIL STRIPPING.

Applicant : TEXACO DEVELOPMENT CORPORATION, OF 135 EAST 42D STREET, NEW YORK, NEW YORK-10017, U.S.A.

Inventors : JAMES HARVEY COLVERT, (2) FREDERICK CHARLES JAHNKE & DALE WILLIAMS

Application No. 2151/Cal/76 filed December 3, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A fluidized catalytic cracking process wherein a hydrocarbon feed is contacted with fluidized catalyst in a cracking zone under cracking conditions, cracked hydrocarbon vapors are separated from spent catalyst in a reaction vessel containing a hydrocarbon vapor phase and a dense phase fluidized catalyst bed, cracked hydrocarbon vapors are removed overhead from said reaction vessel and charged to a product fractionation column for separation into fractions including a wet gas fraction, a naphtha fraction, a light cycle gas oil fraction, an intermediate cycle gas oil fraction and a heavy cycle gas oil fraction, said light cycle gas oil fraction is stripped in a first stripping zone to separate naphtha boiling range components therefrom and produce a stripped light cycle gas oil and said intermediate cycle fraction is stripped, in a second stripping zone, to separate light cycle gas oil boiling range hydrocarbons and produce stripped intermediate cycle gas oil, wherein the stripping of said light cycle gas oil or of said intermediate cycle gas oil is carried out using the respective stripped cycle gas oil for the respective cycle.

CLASS 72B.

144922

Int. Cl.-C06b 7/00, 11/00.

SENSITISED DRY BLASTING COMPOSITIONS AND A METHOD FOR PREPARING THE SAME.

Applicant : INDIAN EXPLOSIVES LIMITED, OF 34 CHOWRINGHEE, CALCUTTA-16, WEST BENGAL, INDIA.

Inventor : DHIRENDRA NATH BHATTACHARYYA.

Application No. 288/Cal/75 filed February 15, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims. No drawings.

An improved sensitised dry blasting composition for use both in cartridge and in bulk form in small diameter boreholes of diameter as low as 25 mm and capable of detonation therein by means of a standard No. 6 commercial cap comprising in combination an oxidising salt(s) constituted by powdered or granular ammonium nitrate or a mixture of ammonium nitrate, sodium nitrate and/or potassium nitrate, a fuel, and a sensitizer selected from the group consisting of the nitrates and perchlorates of organic nitrogen bases such as herein described which possess a basicity stronger than that of ammonia

CLASS 102D & 125B.

144923.

Int. Cl.-B67d 5/00.

APPARATUS FOR TRANSPORT OF FLUID SUBSTANCES, E. G. WATER, SLURRY, AND SIMILAR OTHER MATERIALS BY UTILIZATION OF THE POTENTIAL ENERGY OF LIQUID COLUMNS.

Applicant : "NIKEX" NEHEZIPARI KULKERESKE-DELMI VALLALAT, OF 5-6, JOZSEF NADOR-TER DU-DAPEST V, HUNGARY.

Inventors : JANOS PUCHER AND DR. ANTAL SCHMIDER.

Application No. 664/Cal/75 filed April 2, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

Apparatus for transporting or delivering a secondary fluid (as herein defined) comprising a conduit for conveying the primary fluid, (as herein defined) a conduit for delivery of the secondary fluid connected with a source thereof, and a system of vessels sealed off from the atmosphere and connected with said conduits, the connection with the secondary fluid conduit being via a shut-off device, means (as herein defined) for closing said shut-off device during suction strokes to prevent removal from said system of secondary fluid during suction strokes the system of vessels comprising two chambers one of which is connected to a conduit containing the primary fluid or a medium having the energy of the primary fluid, a reciprocating mechanism between two end positions in said chambers and adapted at least partly to prevent the quanta of primary fluid and secondary fluid from mixing, said mechanism dividing at least one of said chambers into two spaces that vary in volume during the suction and displacement strokes, one space being connected via interposed shut-off means with the conduit of the primary fluid and having a draining means, said mechanism having at least two working surfaces of unequal effective area subject to pressure from opposite directions, the smaller surface being continuously under the effect of the primary pressure, while the other larger surface being separable from said pressure; and the said mechanism having at least one further working surface in forced or positive coupling with the aforementioned working surfaces and being capable of displacing secondary fluid from the system of vessels.

CLASS 90F & I.

149924.

Int. Cl.-C03b 13/14, 13/16.

A METHOD AND APPARATUS FOR DETECTING AND REDUCING BOWING OF A ROLL.

Applicant : PILKINGTON BROTHERS LIMITED, OF PRESCOT ROAD, ST. HELPS, LANCASHIRE, ENGLAND.

Inventors : JOHN JAMES JAGO AND COLIN BILLINGTON.

Application No. 1190/Cal/75 filed June 17, 1975.

Convention date June 21, 1974/(27717/74) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

Apparatus for detecting and reducing bowing of a rotating roll which is used in contact with hot material which apparatus comprises a proximity sensor mounted in a fixed position adjacent the surface of a roll or of a member attached thereto, and arranged to generate an electric signal which varies between maximum and minimum limit values during each revolution of the roll in dependence on movement of the surface towards and away from the sensor as the roll rotates, a device for selectively transferring heat to or from parts of the roll and control means responsive to said electric signal and arranged to control operation of said device, said control means comprising a detection circuit having an input for receiving said electric signal and an output for transmitting an operating signal for that period, if any, during any one revolution of the roll, that the said electric signal varies by more than a predetermined amount from one of the said limit values, and an operating member which is actuated in response to the operat-

ing member which is actuated in response to the operating signal and operates said device in predetermined synchronism with the occurrence of the operating signal so that heat is selectively transferred to or from a required part of the roll to reduce bowing of the roll.

CLASS 69-I.

144925.

Int. Cl.-H01h 13/00.

LOW-VOLTAGE CIRCUIT INTERRUPTER HAVING AN IMPROVED CONTACT ARRANGEMENT.

Applicant: WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor: PAUL GRAHAM SLADE.

Application No. 116/Cal/76 filed January 21, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A low-voltage circuit interrupter for use with electrical circuits of up to substantially 1,000 volts, including cooperable contacts and operating means for opening and closing the contacts, characterized in that said contacts have associated therewith a pair of conductive arcing rails which extend from the contacts in substantially parallel spaced relationship with respect to each other over at least part of the length of the rails, and that the maximum spacing between the substantially parallel spaced arcing rails and between the opened contacts is not substantially more than 1/4 inch.

CLASS 136E & 151F.

144926.

Int. Cl.-B29d 23/10.

PROCESS AND APPARATUS FOR THE MANUFACTURE OF PIPE BENDS OF THERMOPLASTIC MATERIAL.

Applicant: HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventor: ALFRED PATZER.

Application No. 66/Cal/77 filed January 17, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Process for preparing a pipe bend from thermoplastic material by heating a straight piece of pipe until the optimum thermofforming temperature range of the plastic material has been reached introducing a support core into the interior of the pipe and bending the pipe piece around a bending template which comprises introducing after heating, a core piece consisting of lamellas which can be slid against each other into the hot pipe piece and bending the pipe piece around a bending piece representing part of a cylinder, the radius of which corresponds to the bending radius of the bent pipe.

CLASS 47C & E.

144927.

Int. Cl.-B10b 29/04(25/02.

FLASH PLATES OF COKE OVEN BATTERY.

Applicant & Inventor: SHIBENDRA NARAYAN ROY, OF B-5, T. S. FLAT, RIVERSIDE ROAD, P.O. BURNPUR, DT. BURDWAN, WEST BENGAL, INDIA.

Application No. 1590/Cal/77 filed November 8, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

42 Claims.

A coke oven battery characterized in that the Flash Plates on the coke side are modified over the existing coke oven battery, the flash plates having three component parts—the new curved plate (27) at the end of heating wall, the new inter-plate (26) and the new outer flash plate (25) as shown in

figure—3 the curved plate (27) having movable rollers (29) underneath (fig. 4), special quoin brick (27C); the ram side flash plates having similar three components (27, 26 & 26) but opposite hand with altered dimensions required to suit that end and further the ram side and cokeside ends of heating wall are modified to accommodate the new component flash plates (27, 26 & 25).

CLASS 132A.

144928.

Int. Cl.-B28c 5/16.

A PROCESS FOR THE MANUFACTURE OF CEMENT CLINKER AND AN APPARATUS THEREFOR.

Applicant & Inventor: DR. HOSAGRAHA CHANDRA SHEKHARIA VISVESVARAYA, OF M-10, SOUTH EXTENSION, PART-II, NEW DELHI-110049, INDIA.

Application No. 15/Del/76 filed October 25, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims.

A blender consisting of a chamber and having a rotatable shaft disposed therein, at least a first and second pair of curved blades actuated by said shaft, and wherein the blades constituting said second pair are held nearer to the centre of said shaft than the blades constituting the first pair of blades.

CLASS 43B & F.

144929.

Int. Cl.-B65h 79/00.

AN ELECTRICALLY OPERATED DEVICE FOR REWINDING OF CINEMATOGRAPHIC PICTURE FILMS.

Applicant: ANU ENTERPRISE, H 5/4, KRISHNA NAGAR, DELHI-110 051, INDIA.

Inventor: MR. RAM BABU KHANNA.

Application No. 73/Del/77 filed April 13, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

An electrically operated device for rewinding of the cinematographic picture films in the form of a compact unit fitted with a table, comprising a horizontally mounted supply disc adopter/holder with its associated brake lever and a take-up adopter/holder, two vertically fixed film guide rollers on the film transport passage, and the film spools being fitted on said adopter on the top of the said table; a unidirectionally rotatable electric motor to rotate the take-up spool and having a conventional control box being fitted under the said table together with a foot switch for the use of the operator characterised in that the electrical control box has provision for an over load fuse, an indicator lamp for supply current and switches respectively for operating a screening light.

CLASS 129B.

144930.

Int. Cl.-B21c 37/00.

A METHOD OF DRAWING A CAN AND A CAN SO MADE.

Applicant: METAL BOX LIMITED, OF QUEENS HOUSE, FORBURY ROAD, READING AG1 3JH, BERKSHIRE, ENGLAND.

Inventor: MACHAEL RAYMOND DAVID RANDALL.

Application No. 1555/Cal/75 filed August 8, 1975.

Convention date August 20, 1974/(36661/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A method, of drawing a can from mild steel sheet, comprising the steps of treating the surface of the sheet to produce a layer including a phosphate radical lubricating the phosphate surface, drawing a cup from the sheet to have a bottom and a side wall applying lubricant to the cup and ironing the walls to produce a can having a side wall thinner than the bottom characterised in that the phosphate coating includes cations of calcium.

CLASS 32E.

144931.

Int. Cl.-C08g 17/003, C08f 3/50, 3/62.

PROCESS AND APPARATUS FOR THE PRODUCTION OF OLIGOMERIC ALKYLENE BENZENE DICARBOXYLATES.

Applicant: DYNAMIT NOBEL AKTIENGESSELLSCHAFT, OF POSTFACH 1209, 521 TROISDORF, WEST GERMANY.

Inventors: DR. RUDOLF BURKHARDT, DT. GUNTHER MEYER, REINHARD SCHMIDT AND DR. KLAUS THEWALT.

Application No. 2427/Cal/75 filed December 31, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

35 Claims.

A process for the production of an oligomeric alkylene benzene dicarboxylate, which comprises introducing a dialkyl benzene dicarboxylate and ethylene glycol in a molar ratio of from 1:1.1 to 1:1.5 into the uppermost chamber of a multi-chamber column reactor which comprises a total of from 3 to 30 chambers arranged vertically one above the other each communicating with the chamber or chambers thereadjacent, catalytically effecting trans-esterification of the dialkyl benzene dicarboxylate as the reaction mixture from the uppermost chamber passes through a plurality of the chamber at a temperature between 180°C to 250°C and at a pressure equal to the ambient pressure or having a higher value of not more than 4 bars in excess of the ambient pressure, to yield a trans-esterification product to an extent of more than 95% with respect to the starting esters, which is passed to a further chamber to undergo condensation therein while ethylene glycol evolved is driven off, which further chamber is at a temperature higher than any in which trans-esterification has occurred and at sub-ambient pressure in the range of from 300 to 20 mm. Hg. condensation being effected in said further chamber until an oligomer having an average degree of condensation of from 2 to 20 is obtained and discharging the oligomer obtained from said further chamber.

CLASS 179G.

144932.

Int. Cl.-G07f 13/00, B65d 83/14.

FOAM DISPENSING DEVICE.

Applicant & Inventor: HERSHEL EARL WRIGHT, 12 EIGHTH DRIVE, DECATUR, ILLINOIS 62521, U.S.A.

Application No. 229/Cal/76 filed February 9, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A foam dispensing device comprising a flexible container for holding a foamable liquid and an air supply, said container having a discharge port, a porous member separating the area adjacent said discharge port and the inside portion of said container, a conduit means communicating between the inside portion of said container and the porous member, and a flow directing means associated with the conduit means for directing one of said fluids from inside the container through the conduit means into the porous member, while the other of said fluids is being directed into the porous member from inside of said container by a different path during pressurization of the container.

CLASS 179G.

144933.

Int. Cl.-G07f 13/00, B65d 83/14.

FOAM DISPENSER.

Applicant & Inventor: HERSHEL EARL WRIGHT, 12 EIGHTH DRIVE, DECATUR, ILLINOIS 62521, U.S.A.

Application No. 230/Cal/76 filed February 9, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A foam dispensing device comprising a flexible container for holding a foamable liquid having a discharge port, a porous member separating the area adjacent said discharge port and the inside of said container, bag means disposed within the container for holding another fluid in isolated relation from the other of said fluids, conduit means communicating between the porous member and the bag means, and permitting fluid flow from the bag means into the porous members, and a flow directing means associated with the conduit means for directing fluid from inside the bag means through the conduit means and into the porous member while the other fluid is being directed into the porous member from inside of said container during pressurization of the container.

CLASS 9D.

144934.

Int. Cl.-C22c 39/30, C22c 39/14.

PROCESS FOR THE DECARBONIZATION OF HIGH CARBON FERRO-MANGANESE.

Applicant: GFE GESELLSCHAFT FUR ELEKTRO-METALLURGIE MBH. OF GRAFENBERGER ALLEE 56, 4000 DUSSELDORF 1, FEDERAL REPUBLIC OF GERMANY.

Inventors: DR. FRIEDRICH BREUER, (2) DR. GUNTER DUDERSTADT, (3) DR. WERNER DRESLER, (4) DR. RUDOLF FICHTE, (5) PETER KUNERT AND GERD NASSAUER.

Application No. 1238/Cal/76 filed July 9, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims. No. drawings.

A process for the decarbonization of high carbon ferro-manganese by oxidation process by blowing oxygen through jacketed gas-nozzles, thereby super-heating the alloy melt e.g. to a temperature of more than 100°C above its melting range and thereafter further raising the temperature of the alloy melt by said blowing in of oxygen, such that ferro-manganese attains a temperature of above 1650°C upto 1900°C to form a high melting point manganese oxide phase and then reducing this metallic oxide phase by feeding in lime and also by the addition of known reducing materials.

CLASS 40B & 56B.

144935.

Int. Cl.-B01j 1/00, C10g 11/00.

Applicant: PHILLIPS PETROLEUM COMPANY, OF BARTLESVILLE, STATE OF OKLAHOMA, UNITED STATES OF AMERICA.

PROCESS FOR DECONTAMINATING CRACKING CATALYST.

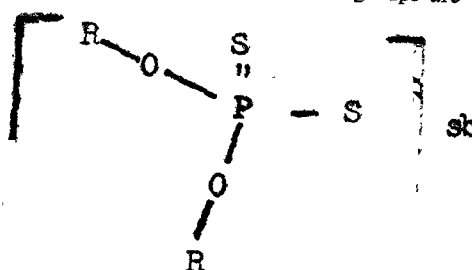
Inventor: DWIGHT LAMAR MCKAY.

Application No. 1453/Cal/76 filed August 10, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A process for passivating metal which tends to be deposited on a cracking catalyst during cracking, said metal being nickel, vanadium, and/or, iron, which comprises contacting said catalyst with at least one antimony compound having the formula I. (herein) wherein the R groups are the same



or different hydrocarbyl radicals having from 1 to 18 carbon atoms per radical, the total number of carbon atoms in the compound being 6 to 90.

CLASS 98F.

144936.

Int. Cl.-F161 59/00.

PROCESS AND APPARATUS FOR TREATING ELONGATE WORKPIECES.

Applicant : SAINT-GOBAIN INDUSTRIES, OF 62 BOULEVARD VICTOR-HUGO, NEUILLY-SUR-SEINE, FRANCE.

Inventors : ALDO RICCI AND NEDO PASSERINI.

Application No. 1730/Cal/76 filed September 20, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for heat treatment in a chamber by hot gas of elongate thermal insulating shells of fibres in which a binder is distributed, according to which motions of translation and of rotation are imparted to each shell, wherein each shell traverses the chamber several times at different levels rolling over surfaces which are disposed at different levels in the chamber, such rolling being caused by contacting shells with members themselves subject to a motion of translation, which members cause each shell to pass through the chamber successively in one direction and then in the other at different levels, the hot gas being moved in the chamber so as to cause heat treatment throughout the thickness of each shell.

CLASS 32F**b**.

144937.

Int. Cl.-C07d 43/34.

IMPROVEMENTS IN OR RELATING TO THE SEPARATION OF STRYCHNINE AND BRUCINE ALKALOIDS FROM EXTRACT OBTAINED FROM NUXVOMICA.

Applicant : COUNCIL SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : CHAKKIRAJA SRINIVASULU, SURI RAMA SUBBARAYA SASTRI, KOTUR SRINIVASAN NARAYAN MAHAPATRA.

Application No. 1776/Cal/76 filed September 27, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims. No drawings.

An improved cyclic process for the preparation of pure strychnine and brucine alkaloids obtained from seeds and barks of *Strychnos nuxvomica* by solvent extraction using aromatic hydrocarbon solvents characterised in that the solvent extract concentrates of the alkaloids thus obtained are treated with mineral acids to convert the alkaloids into their salts, separating the crude precipitated strychnine salt from the mother liquor by filtration, the filtrate thus contains dissolved crude brucine salt, recovering the pure crystals of the alkaloids strychnine and brucine by recrystallisation of the precipitate and basification of the filtrate respectively, the mother liquors being recirculated into the process.

CLASS 187E4.

144938.

Int. Cl. H05k 5/00.

MODULAR DISTRIBUTION FRAME HAVING SECTIONING TAPS.

Applicant : SOCIETA ITALIANA TELECOMUNICAZIONI SIEMENS S.P.A., PIAZZALE ZAVATTART 12, 20149 MILANO, ITALY.

Inventor : GUGLIELMO GIACOPPO.

Application No. 2021/Cal/76 filed November 10, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A modular distribution frame having sectioning taps, is characterized in that each module comprising a rectangular box-like body (1) parallelepipedic in shape, to the faces of smaller area defined by the longer sides of the said rectangular body or shape a plurality of input wiring terminals (3) and output wiring terminals (4), respectively, being connected, the terminals being bent inside the body (1) so as to be perpendicular to the faces (13) having greater area, one of the faces delimited by the shorter sides of the said rectangular shape having snapping means (6, 7) for fixing transposition frames (14) to bars (5), the other face delimited by the shorter side of the said rectangular shape having sectioning taps (8) with terminals (18) which are bent inside the box-like body so as to be perpendicular to the faces having greater area; means (19) being also provided inside the box-like body for electrically connecting the input wiring terminals (3) to terminals (18) of input sectioning taps (c) and the terminals (18) of the output sectioning taps (d) to the output wiring terminals (4).

CLASS 98C.

144939.

Int. Cl.-F28f 19/00.

A SPACER FOR MAINTAINING A PREDETERMINED DISTANCE BETWEEN TUBES IN BOILERS, HEAT EXCHANGERS, REACTORS AND THE LIKE.

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : EDWARD LESLIE KOCHY JR. AND EDWARD ALEXANDER HATCH.

Application No. 2169/Cal/76 filed December 8, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A band type spacer adapted to maintain a predetermined distance between spaced tubes in a bank of essentially parallel tubes comprising a first elongate strip member adjacent one side of said tube bank having spaced tabs that extend laterally between tubes, a second strip member normal to said tabs lying adjacent the opposite side of the said tube bank and having a plurality of slots therein spaced to receive the ends of the lateral tabs, and means connecting the end of each of said tabs penetrating a slot therein to the adjacent strip member whereby each tab is integral with strip members lying on opposite sides of said tubes.

CLASS 140A₂.

144940.

Int. Cl.-C10m 1/14.

A LUBRICATING COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, OF P.O. BOX 17100, EUCLID STATION CLEVELAND, OHIO 44117 U.S.A.

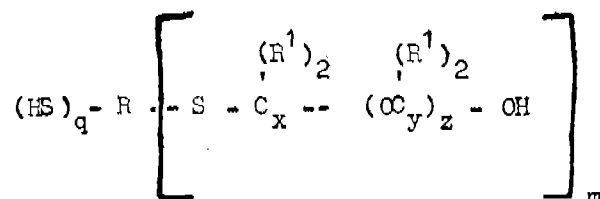
Inventors : JERRY LEE MUSSER AND FREDERICK WILLIAM KOCH.

Application No. 177/Cal/77 filed February 8, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A lubricating composition comprising a lubricating oil and 0.01 to 20% one or more additives of the formula I.



wherein R is a hydrocarbon-based group containing up to 30 carbon atoms and having a valence of m+q; each R' is independently selected from hydrogen and hydrocarbon-based

group of up to 20 carbon atoms; x and y are independently and integer of from 2 to 5; z is an integer of from zero to 5; q is an integer of from zero to 4; and m is an integer of from 1 to 5 with the proviso that the sum of m+q is from 1 to 6.

CLASS 32F. 144941.

Int. Cl.-C08f 1/72, C08f 15/28.

METHOD FOR PRODUCING VINYL CHLORIDE POLYMERS.

Applicant: CHISSO CORPORATION, OF 1, SOZECHO, KITAKU, OSAKA, JAPAN.

Inventors: SHIROH ARUGA (2) KAZUAKI NAKANO AND SEIGO ISHIBASHI.

Application No. 234/Cal/77 filed February 17, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

An improved method for producing vinyl chloride polymers or copolymers wherein vinyl chloride monomer is subjected to polymerization or copolymerization in suspension in an aqueous medium in a polymerization vessel characterized in that at least 0.01 ppm of a metal halide is added to the contents of the polymerization vessel before or during said suspension polymerization.

CLASS 60B. 144942.

Int. Cl.-A44b 13/00.

IMPROVEMENTS IN OR RELATING TO FASTENING DEVICE FOR GARMENTS.

Applicant & Inventor: MRS. MEHRUN KHAN, PROPRIETRIX, FAMOUS TAILORING MATERIAL, IHRFADS, HUSSAIN SAHEB STREET, ARUNDHELPET, VIJAYAWADA-520002, ANDHRA PRADESH, INDIA.

Application No. 119/Mas/76 filed July 2, 1976.

Post dated 25th September, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

3 Claims.

A fastening device for garments, comprising in combination a hook unit and an eye unit, the hook unit having a U-shaped or double bent plate with an upper portion and a lower portion, and the eye unit having a staple member defining a central portion and prongs provided at the ends thereof, and a base plate, characterized in that the hook unit comprises an upper and a lower portion, a base plate defining an axial depression on one side, the said base plate being provided with a hole at each end of said depression, and the hook being integrally provided with projections or prongs on either side of the lower portion thereof, for engaging and holding the said base plate tightly.

CLASS 58 B & C. 144943.

Int. Cl.-E06b 3/04.

AN IMPROVED DOOR OR WINDOW.

Applicant: A1—MADEENA EXPORTS, OF VIJAYA MANSION, 13/203A, ANNIE HALL ROAD, CALCUTTA-2, KERALA STATE, INDIA.

Inventor: SYED HASSAN JIFRI.

Application No. 131/Mas/77 filed August 4, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

10 Claims.

An improved door or window comprising a frame, at least one outer shutter swingingly on the frame, at least one inner shutter swingingly mounted on the frame and at least one further inner shutter swingingly mounted on the stile of the inner shutter and being in mesh therewith.

2—177 GI/78

CLASS 129P. 144944.

Int. Cl.-B23b 31/00.

INDEPENDENT AND SELF CENTERING COMBINATION CHUCK.

Applicant & Inventor: SHAMKANT GIRIDHAR BONDE, 236, KASBA PETH, PUNE 411011, MAHARASHTRA STATE, INDIA AND ARVIND VASANT CHAUDHARI, C&O. S. G. BONDE, 236, KASBA PETH, PUNE 411011, MAHARASHTRA STATE, INDIA.

Application No 1/Bom/76 filed January 3, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claim.

Independent and self centering combination chuck comprising a plurality of jaws operated by respective leads screws, a portion of which is formed into a bevel gear, a crown gear, a multistart shifter ring for axial movement of the said crown gear and a back plate, wherein the said shifter has marking both for 'Independent' and 'Self centering' operations; the crown gear engages with the said bevel gears on the lead screw to act a self centering chuck, and on rotating the said shifter ring from 'self centering' position to 'independent' position the said crown gear will be shifted to disengage from said bevel gears on the lead screws, such that each lead screw will now operate independently its own jaw so that the chuck now becomes an independent chuck.

CLASS 69K. 144945.

Int. Cl.-H01h 77/00.

HIGH-VOLTAGE CUT-OUT DEVICES WITH SEALING DEVICES.

Applicant: DELLE-AISTHCM, OF 130 RUE LEON BLUM, 69611 VILLEURBANNE, FRANCE.

Inventor: DANTE NICOLOSO.

Application No. 853/Cal/75 filed April 28, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A high-voltage cut-out device with a sealing device comprising, on the one hand, a cut-out chamber containing mobile elements integral with contact rods and, on the other hand, an auxiliary chamber supporting the said cut-out chamber and crossed by an operating linkage for the mobile elements, the enclosures of the said chambers being fluid-tight and communicating together, characterized in that the operating linkage is fitted with seals providing, at the end of the stroke of the linkage, the independence of the said chambers and the sealing thereof with a view to their separation.

CLASS 24F. 144946.

Int. Cl.-B60t 11/00, 13/00.

IMPROVEMENTS IN DIFFERENTIAL PRESSURE OPERATED SERVO-BOOSTERS.

Applicant: GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, WEST MIDLANDS, ENGLAND.

Inventor: BRIAN MAURICE CAYLEY.

Application No. 982/Cal/75 filed May 16, 1975.

Convention date June 8, 1974/(25519/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A differential pressure operated servo-booster comprising a load-actuating member which is displaceable by the application of differential fluid pressure across a movable internal wall dividing a housing of the booster into at least two fluid chambers, the movable wall being in the form of an elastic diaphragm supported by a deflecting plate formed by a plurality of rigid, individual, radially extending fingers carried in

mutually displaceable relation by a support means which maintains the fingers in regularly circularly spaced and radially fixed locations thereby to define a radially slotted annular plate, and a fulcrum plate which is coaxially mounted on said load-actuating member of the booster and about which the deflecting plate is adapted to conically distort during operation of the booster, the periphery of the fulcrum plate having a plurality of straight edges, or edge regions, each defining a fulcrum for a respective one of the fingers of the deflecting plate.

CLASS 13C.

144947.

Int. Cl.-B65b 11/00.

DEVICE FOR CONTROLLING THE SEALING OF WRAPS MADE OF THERMOPLASTIC MATERIAL.

Applicant: G. D. SOCIETA PER AZIONI, OF VIA POMPONIA 10, BOLOGNA, ITALY.

Inventor: SERAGNOLI ENZO.

Application No. 1181/Cal/75 filed June 16, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A device for controlling the sealing of wraps made of thermoplastic material, particularly on machines that over-wrap, for example, packets of cigarettes in succession along a wrapping line, at various operating speeds, in a plurality of sealing stations for one single position to be sealed in succession on the individual packets, by means of sealing contrivances provided with complementary heating means with which to seal the wraps at a speed compatible with the said individual operating levels and connected to cam operating means that cause them to operate with a reciprocating motion, working in conjunction with control means connected to means sensitive to variations in the operating speed levels of the machine and able to trip the aforementioned operating means so that the sealing action of the sealing contrivances is put into or out of operation to suit the operating speed levels of the machine detected by the means that are sensitive to variations therein, essential features of the said devices being that the said reciprocating cam operating means are provided with differentiated operating time multiple tracks; heat-sensitive control means connected to the sealing contrivances being able, at the time of the switching in the said sealing contrivances in their respective operative sealing position when the corresponding speed level of the machine has been restored, to operate means that follow up the said cam operating means with differentiated operating time multiple tracks, in such a way as to operate the said sealing contrivances in a differentiated succession to suit the temperature detected in the said sealing contrivances by the said heat-sensitive control means.

CLASS 53C.

144948.

Int. Cl.-B62m 7/00.

"CYCLES".

Applicant: THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, B19, 2XF, ENGLAND.

Inventor: CHARLES PATRICK DUNCAN DAVIDSON.

Application No. 1227/Cal/75 filed June 21, 1975.

Convention date June 28, 1974/(28776/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

An electrically assisted cycle including a frame, a ground engaging wheel rotatably mounted on the frame, a rotatable drive member rotatably mounted on the frame and arranged to be rotated by the rider of the cycle, an endless, non-extensible flexible member coupling said wheel and said drive member whereby rotation of said drive member rotates said wheel to propel the cycle, an electric motor and an associated power source carried by said frame, means transmitting rotational movement of the output of the motor to said drive member whereby said motor can propel the cycle, electrical switch means operable by said endless member when said endless

member is subject to tension as a result of rotation of said drive member in a direction to propel the cycle, and a manually operable electric switch manually operable electrical switch and said switch means being so arranged in relation to said motor and said power source that operation of both said switch and said switch means is required to energise said motor.

CLASS 14B.

144949.

Int. Cl.-H01m 21/04.

A DRY CELL.

Applicant & Inventor: GOVIND CHANDRA SRIVASTAVA, OF S 179A, PANSCHILA PARK, NEW DELHI-110017, INDIA.

Application No. 1845/Cal/75 filed September 25, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Delhi Branch.

5 Claims.

A cell consisting essentially of a carbon rod forming a positive electrode, said rod disposed within a zinc casing, a depolarizer mix contained within said casing, said zinc casing forming the negative electrode and disposed within an outer casing made of plastic, characterized in that said zinc casing has a sidewall thickness smaller than that known from the prior art being in the order of between 25% to 40% of the thickness of the existing cells.

CLASS 24E.

144950.

Int. Cl.-F16d 65/52.

IMPROVEMENTS IN OR RELATING TO INTERNAL SHOE DRUM BRAKES.

Applicant: GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM, 11, ENGLAND.

Inventors: MANFRED KAUB.

Application No 340/Cal/75 filed February 22, 1975.

Convention date February 27, 1974 (8987/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An internal shoe drum brake comprising a pair of opposed brake shoes, an actuator engaging one pair of adjacent ends of the shoes, mechanical brake operating means having an operating arm pivoted on one shoe and an adjustable length strut connected between the other shoe and the operating arm; a pawl lever pivotally mounted on said other shoe and having a first arm carrying a pawl which engages a ratchet wheel rotatably mounted on the strut for effecting adjustment of the strut length to compensate for excess wear of the brake shoes, the pawl lever having a second arm which is biased into permanent engagement with the strut to urge the strut axially towards the operating arm, the arrangement being such that movement of said other shoe relative to the strut effects pivotal movement of the pawl lever.

CLASS 55D₂ & 62-D.

144951.

Int. Cl.-C12b 1/00; C12k 3/00.

NON-PATHOGENIC MIXED BIOLOGICAL CULTURE FOR SOFTENING ROOT-CUTTINGS.

Applicant: INDIAN JUTE INDUSTRIES' RESEARCH ASSOCIATION, OF 17, TARATOLA ROAD, CALCUTTA-53 WEST BENGAL, INDIA.

Inventor: DR. BIMAL CHANDRA CHATTERJEE.

Application No. 526/Cal/75 filed March 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A non-pathogenic mixed biological culture for softening cuttings/hard roots of long jute comprising pectinolytic bacteria isolated by methods such as herein described from out of a large number of bacteria growing on jute cuttings piled in mills, and identified as H_2A and CH_2 ; and pectinolytic fungal

culture of pectinase enzymes produced by methods such as herein described by the cultivation of a highly pectinolytic strain of the fungus, *Penicillium brefidianum* and identified as IIRA 146.3

CLASS 25A & 27-1. 144952.
Int. Cl.-E04c 1/06; 1/07.

LOAD-BEARING BUILDING AND CONSTRUCTION ELEMENT.

Applicant & Inventor: OTTO ALFRED BECKER, OF ROBERT KOCH-STRASSE 59, 66-SAARBRUECKEN 6, WEST GERMANY.

Application No. 633/Cal/75 filed March 29, 1975.

Convention date December 30, 1974 (55980/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A load-bearing construction element comprising:

(a) outer building shell assemblies positioned at opposite sides of said element and defining a hollow space there between;

(b) A plurality of rigid honeycomb plates disposed in said space between said outer shell assemblies, said honeycomb plates being disposed adjacent to and spaced by;

(c) intermediate building shells positioned in said hollow space and extending parallel to said shell assemblies;

(d) adjustable interconnecting means operatively connected to said outer shells for initially maintaining said shells in a spaced apart position to permit a pressure to be effected within said element and for thereafter pressing said outer shells toward each other for effectively applying pressure by said honeycomb plates to said outer and intermediate shells thereby to form an integral element highly to loading and bending; and

(e) means communicating with the interior of said hollow space and thus said honeycomb plates for establishing the pressure condition within said element prior to the pressing of said outer shells toward each other.

CLASS 66D₃ & D₇ & 194₃ & .. 144953.
Int. Cl.-H01r 1/00; H01j 9/00.

APPARATUS FOR MONITORING STEMS OF ELECTRICAL LIGHT SOURCES.

Applicant: EGYESULT IZZOLAMPA ES VILLAMOS-SAGI RT., OF VACI UT 77, BUDAPEST IV, HUNGARY.

Inventors: BERTALAN FLEISCHER, (2) OTTO GAAL, (3) SADOR LENGYEL, & GYULA PIOKER.

Application No. 1850/Cal/75 filed September 26, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An apparatus for monitoring stems of electrical light sources made on automatic stem-making machinery, each stem having a central, hollow flare tube, an exhaust tube extending therefrom in substantially axial alignment, and a pinch in a portion of the flare tube, remote from the exhaust tube, which pinch is to be provided with a hole on at least one side, the stem having an axis of symmetry: the apparatus comprising; two nozzles disposed adjacent a stem monitoring position at which all stems in the manufacturing process are made to pass; said nozzles being connectable to a source of pressurized fluid and having a respective axes of symmetry that define among themselves a first plane, said nozzles being so disposed relative to each other and to said monitoring position that their axes of symmetry intercept at a first angle in the range of 180°;

a second, substantially horizontal plane which is perpendicular to the stem axis of symmetrical defining with the first plane a second angle not exceeding 85°; and a flow-sensing device separate from said nozzles, disposed above the upper free end of the exhaust tube and along the stem axis of symmetry, to receive fluid flow from said fluid source only in the event that at least one hole is present in the pinch at said monitoring position.

CLASS 204 & 206G.

144954.

Int. Cl.-B06b 1/00; G01g 19/00.

FORCE MEASURING TRANSDUCER WITH FREQUENCY OUTPUT SIGNAL.

Applicant: NAUCHNO-ISSLEDOVATELSKY I KONSTRUKTORSKY INSTITUTE ISPYTATELNYKH MASHIN, PRIBOROW I SREDSTV IZMERENIA MASS-USSR.

Inventors: VALENTIN MIKHAILOVICH KARPOV, (2) VLADIMIR REZHEVICH SANTO, (3) VIKTOR YAKOVLEVICH YANOVSKY, (4) ANATOLY IVANOVICH MIKHAILOV, (5) MIKHAIL FEDOROVICH BELVAEV.

Application No. 2001/Cal/75 filed October 15, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A force measuring transducer with a frequency output signal, comprising an elastic body arranged in a casing in spaced relationship therewith, whose working member, subjected to the action of a force, is coupled to an oscillating element which is a resonator of an electromechanical self-excited oscillator and has an oscillation frequency depending upon the magnitude of said force, characterised by that a base of said electric body being secured in the casing by means of at least three supports, each having a tapered end bearing up against the surface of the base, the other end of each of said supports being fixed to the casing.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

(1)

The title of the invention in the application and specification of Patent No. 142115 (earlier numbered as 1461/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 28th May, 1977 has been corrected to read as "A method of manufacturing an extruded metal component, the metal component so produced and its use in road vehicle motor" under sub-section (3) of Section 78 of the Patents Act, 1970.

(2)

The title of the invention in the application and specification of Patent Application No. 142141 (earlier numbered as 1416/Cal/74), the acceptance of the complete specification of which was notified in Part II, Section 2 of the Gazette of India dated the 4th June 1977 has been corrected to read as "Method of manufacturing stator assemblies for dynamo electric machines and a stator assembly obtained therefrom" under sub-section (3) of Section 78 of the Patents Act, 1970.

(3)

The title of the invention in the application and specification of patent application No. 142163 (earlier numbered as 345/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 4th June 1977, has been corrected to read as "A method of die casting high melting point metal and a die cast article thus obtained" under sub section (3) of Section 78 of the Patents Act, 1970.

(4)

The title of the invention in the application and specification of patent application No. 142195 (earlier numbered as 1594/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 11th June, 1977 has been corrected to read as "Segments for use in the manufacture of the working portion of an abrasive tool and a process for the manufacture of such segments" under sub Section (3) of Section 78 of the Patents Act, 1970.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Depot, 8 Hastings Street, Calcutta, at two rupees per copy :—

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PATENTS SEALED

141418 141840 142001 142210 142305 132409 142365 142366
142368 142535 142545 142622 142722 142754 143213 143226
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CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

(1)

The claims made by M/s. Bharat Heavy Electricals Limited under Section 20(1) of the Patents Act, 1970 to proceed the patent application No. 143712 (123/Mas/75) in their name has been allowed.

(2)

Notice is hereby given that the claim made by **PRODUITS CHIMIQUES UGINE KUHLMANN** under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 144364 (405/Cal/76) in their name has been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that **Ralph Reeves-Saunders**, a British subject, of 175 Parkside Avenue, Bexleyheath, Kent DA7 6NP, England, (formerly of Flat 4/4, International House, Brook Hill Rd., Woolwich, London SE18 6RZ, England), have made an application under Section 57 of the Patents Act, 1970 for amendment of the specification of their application for patent No. 143778 for "A tendon hamer". The amendments are by way of correction explanation and disclaimed. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date

of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
75599 (20.4.74)	A method of preparing choline salicylate or an aqueous solution thereof.
85904 (20.4.72)	Process for the production of Δ^3 -andros-ten-19-ol and Δ^3 -pregnen-19-ol compounds.
103472 (20.4.72)	Process for making halogenated lincomycin derivatives.
108196 (20.4.72)	A Process for the preparation of 5-halobenzoic acid ester derivatives.
108970 (20.4.72)	Process for the preparation of N-[substituted aminoalkyl]-2-alkoxy-5-halobenzamides.
124894 (20.4.72)	An improved method of preparing pollen vaccines.
128173 (20.4.72)	An improved process for the microbiological C-1, 2-dehydrogenation of corticosteroids.
129731 (20.4.72)	Process for the preparation of 3-alkoxy-5-halobenzimidic acids.
133273 (20.4.72)	Process for preparation of rare earth oxyhalide phosphors of reduced afterglow.
134293 (17.1.72)	Improvements in or relating to a method for the selective extraction of nickel and cobalt from lateritic ores.
135991 (5.6.72)	Process for preparation of piperidine derivatives.
136017 (28.4.72)	A process for the preparation of granular alkalimetal salts of carboxymethyl ethers of polysaccharides.
136050 (29.4.72)	A process for beneficiating titaniferous ores.

RENEWAL FEES PAID

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 860 141868 141895 142078 142161 142164 142177 142191
 214 142273 142380 142441 142470 142478 142382 142488
 491 142562 142593 142595 142647 142714 142784 142809

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

- Class 1. No. 145954. Simco Industries, 3/3, Industrial Estate, Govindpura, Bhopal (MP), an Indian partnership concern. "Sewing machine stand". August 29, 1977.
- Class 1. No. 145977. Prakash Type Foundry, 250/267 Narayan Peth, Poona-411 030 (Bombay) Maharashtra, India, an Indian Partnership Firm. "Printing font". September 1, 1977.

Class 1. Nos. 145978 & 145980. Azad Factory, 11/6, Masjid Tawar Khan, Naya Bans, Delhi, India (A firm duly registered under the Indian Partnership Act). "Blower". September 2, 1977.

Class 1. No. 145981. Prem Chand Jain, an Indian National, trading as Venus Mechanical Engineering Works, Bejiman Road, Ludhiana, State of Punjab. "Sewing Machine". September 2, 1977.

Class 1. No. 145982. Morris Electronics, Limited, an Indian Company duly registered and incorporated under the Companies' Act, 1956, at Bhosari Industrial Estate, Poona-411026, Maharashtra, India. "A magnet". September 2, 1977.

Class 3. No. 145988. Anchor Industries, 185, Bombay Talkies Compound, Malad (West), Bombay-400 064, Maharashtra, India, an Indian partnership firm. "Electric switch". September 3, 1977.

Class 3. No. 145989. Anchor Industries, 185, Bombay Talkies Compound, Malad (West), Bombay-400 064, Maharashtra, India, an Indian Partnership firm. "Electric switch socket combined". September 3, 1977.

Class 3. Nos. 145990 & 145991. Harbans Lal Malhotra & Sons Ltd., of 226/2, Acharya Jagadish Chandra Bose Road, Calcutta 700-020, State of West Bengal, India, a Company incorporated in India. "Safety razor". September 3, 1977.

COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS

Design No. 140426. Class 1.

COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 132700, 133030, 133031, 133129, 133120, 133383, 133531, 133532, 133558 & 134382. Class 1.

Design Nos. 132218, 132219, 132220, 133053, 133136, 133137, 133548, 133549, 134680 & 134864. Class 3.

Design No. 134314. Class 4.

Design No. 133053. Class 10.

Cancellation of the registration of Designs.

(Section 51A)

The application made by Kwality Ice Creams (Cal) Private Limited for cancellation of the registration of Design No. 143580 in the name of Duli Chand Kheria and others trading as Farinni Ice Cream which was notified in the Gazette of India, Part-III, Section 2 dated the 27th November, 1976 has been allowed and the registration of the said design has been cancelled.

S. VEDARAMAN,
 Controller-General of Patents,
 Designs and Trade Marks.

